

PRODUCT INFORMATION

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| Target | IL17RA |
| Synonyms | IL-17RA;CD217 |
| Description | Recombinant mouse IL17RA protein with C-terminal 6×His tag |
| Delivery | In Stock |
| Uniprot ID | Q60943 |
| Expression Host | HEK293 |
| Tag | C-6×His Tag |
| Molecular Characterization | Mouse IL17RA(Ser32-Trp322) 6×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 34.1kDa after removal of the signal peptide. The apparent molecular mass of mIL17RA-His is approximately 55-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| Background | Receptor for IL17A (PubMed:17911633, PubMed:20554964, PubMed:8777726). Receptor for IL17F (PubMed:17911633, PubMed:20554964). Binds to IL17A with higher affinity than to IL17F (PubMed:17911633). Binds IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RC (By similarity). Also binds heterodimers formed by IL17A and IL17F as part of a heterodimeric complex with IL17RC (By similarity). Receptor for IL17C as part of a heterodimeric complex with IL17RE (PubMed:21993848, PubMed:21993849, PubMed:21982598). Activation of IL17RA leads to induction of expression of inflammatory chemokines and cytokines such as CXCL1, CXCL8/IL8 and IL6 (By similarity).[UniProtKB/Swiss-Prot Function] |
| Usage | Research use only |
| Conjugate | Unconjugated |



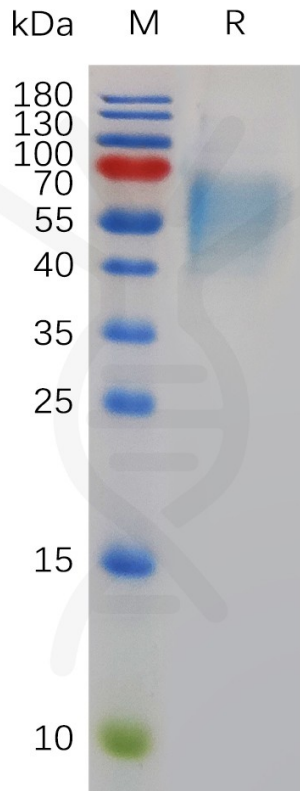


Figure 1. Mouse IL17RA Protein, His Tag on SDS-PAGE under reducing condition.

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